

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2002 TENNESSEE

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TABLE ND.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	No. of Benes						No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	1,268,135	3,493	164,715	433,177	666,750	0	6,991,395	19,106	956,394	2,357,734	3,658,161	0
Age												
5 and younger	238,479	1	6,155	1	232,322	0	1,289,728	4	35,654	2	1,254,068	0
6-14	300,760	2	18,064	10	282,684	0	1,684,526	6	106,477	27	1,578,016	0
15-20	166,852	2	14,756	724	151,370	0	913,709	12	87,063	1,642	824,992	0
21-44	375,903	10	60,377	315,142	374	0	2,041,973	54	350,086	1,690,748	1,085	0
45-64	180,650	177	63,217	117,256	0	0	1,030,473	867	364,440	665,166	0	0
65-74	3,426	1,639	1,751	36	0	0	19,489	9,013	10,345	131	0	0
75-84	1,395	1,056	333	6	0	0	7,851	5,877	1,963	11	0	0
85 and older	669	605	62	2	0	0	3,640	3,267	366	7	0	0
Unknown	1	1	0	0	0	6	0	6	0	0	0	0
Gender												
Female	723,697	2,168	81,468	303,856	336,205	0	3,994,540	11,909	474,476	1,661,472	1,846,683	0
Male	544,438	1,325	83,247	129,321	330,545	0	2,996,855	7,197	481,918	696,262	1,811,478	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	818,136	1,835	95,608	317,777	402,916	0	4,492,773	9,893	552,730	1,734,762	2,195,388	0
African American	372,632	577	43,972	103,381	224,702	0	2,081,473	3,117	257,024	565,258	1,256,074	0
Other/unknown	77,367	1,081	25,135	12,019	39,132	0	417,149	6,096	146,640	57,714	206,699	0
Use of Nursing Facilities^c												
Entire year	1,425	299	1,126	0	0	0	8,002	1,629	6,373	0	0	0
Part year	1,074	111	934	29	0	0	5,862	589	5,109	164	0	0
None	1,265,636	3,083	162,655	433,148	666,750	0	6,977,531	16,888	944,912	2,357,570	3,658,161	0
Maintenance Assistance Status												
Cash	348,716	1,038	143,788	53,088	150,802	0	2,006,125	6,070	846,110	294,782	859,163	0
Medically needy	129,089	1,049	4,120	54,980	68,940	0	682,305	5,389	17,619	285,513	373,784	0
Poverty-related	224,174	7	6	17,915	206,246	0	1,177,876	33	31	80,808	1,097,004	0
Other/unknown	566,156	1,399	16,801	307,194	240,762	0	3,125,089	7,614	92,634	1,696,631	1,328,210	0
Managed Care Status												
FFS all year	93,243	311	6,403	26,476	60,053	0	329,780	1,056	20,887	90,559	217,278	0
FFS part year, with Rx claims	699,199	1,993	108,528	291,846	296,832	0	4,032,876	11,571	642,862	1,665,290	1,713,153	0
FFS part year, no Rx claims	475,693	1,189	49,784	114,855	309,865	0	2,628,739	6,479	292,645	601,885	1,727,730	0

Table ND2

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.2 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE ND.3

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benes
All	54.6 %	6.0	\$252	\$42	\$2,767	9.1 %	1,268,135
Age							
5 and younger	44.5	1.6	45	28	1,325	3.4	238,479
6-14	40.4	1.6	72	45	1,296	5.5	300,760
15-20	48.8	2.7	103	39	2,521	4.1	166,852
21-44	63.4	7.5	318	42	3,425	9.3	375,903
45-64	78.5	18.6	812	44	5,843	13.9	180,650
65-74	68.1	17.2	664	39	6,752	9.8	3,426
75-84	60.6	14.4	549	38	7,335	7.5	1,395
85 and older	48.0	11.8	426	36	9,310	4.6	669
Unknown	0.0	0.0	0	0	1,127	0.0	1
Basis of Eligibility^c							
Aged	57.7	12.7	498	39	5,905	8.4	3,493
Disabled	65.7	15.0	732	49	7,361	9.9	164,715
Adults	67.7	9.1	366	40	3,111	11.8	433,177
Children	43.4	1.7	57	33	1,393	4.1	666,750
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	60.1	7.2	282	39	2,925	9.6	723,697
Male	47.3	4.4	211	48	2,557	8.2	544,438
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	59.4	7.1	302	42	2,964	10.2	818,136
African American	45.7	3.4	134	39	2,202	6.1	372,632
Other/unknown	46.6	6.1	284	47	3,404	8.3	77,367
Use of Nursing Facilities^d							
Entire year	87.0	33.6	1,396	42	40,728	3.4	1,425
Part year	83.6	29.2	1,313	45	33,834	3.9	1,074
None	54.6	5.9	249	42	2,698	9.2	1,265,636
Maintenance Assistance Status							
Cash	56.3	8.1	362	45	4,136	8.8	348,716
Medically needy	51.1	4.6	168	36	2,052	8.2	129,089
Poverty related	43.5	1.8	53	30	1,389	3.8	224,174
Other/unknown	58.8	6.7	281	42	2,632	10.7	566,156

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.3 includes beneficiaries represented by Cell K of Table 1.
 - b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
 - d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:						Mean \$, All Services	Benes	Bene Mos
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	Less than 5, but 10 or More	More than 10			
All	1.1	\$46	9.1 %	45.4 %	34.3 %	7.1 %	8.4 %	3.8 %	1.0 %	\$502	1,268,135	6,991,395
Age												
5 and younger	0.3	8	3.4	55.5	40.3	3.0	1.1	0.1	0.0	245	238,479	1,289,728
6-14	0.3	13	5.5	59.6	35.9	2.9	1.5	0.1	0.0	232	300,760	1,684,526
15-20	0.5	19	4.1	51.2	38.9	6.1	3.4	0.4	0.0	460	166,852	913,709
21-44	1.4	59	9.3	36.6	34.6	11.0	12.3	4.5	1.0	630	375,903	2,041,973
45-64	3.3	142	13.9	21.5	19.4	12.2	25.8	16.3	4.8	1,024	180,650	1,030,473
65-74	3.0	117	9.8	31.9	15.1	10.1	22.9	15.3	4.7	1,187	3,426	19,489
75-84	2.6	98	7.5	39.4	14.8	8.5	20.0	13.8	3.4	1,303	1,395	7,851
85 and older	2.2	78	4.6	52.0	9.6	8.2	16.0	10.0	4.2	1,711	669	3,640
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	188	1	6
Basis of Eligibility^c												
Aged	2.3	91	8.4	42.3	15.3	9.4	18.7	11.1	3.3	1,080	3,493	19,106
Disabled	2.6	126	9.9	34.3	22.1	9.0	17.4	12.7	4.7	1,268	164,715	956,394
Adults	1.7	67	11.8	32.3	32.9	11.9	15.6	6.1	1.2	572	433,177	2,357,734
Children	0.3	10	4.1	56.6	38.3	3.4	1.5	0.1	0.0	254	666,750	3,658,161
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	1.3	51	9.6	39.9	35.7	8.3	10.0	4.8	1.3	530	723,697	3,994,540
Male	0.8	38	8.2	52.7	32.4	5.4	6.4	2.5	0.6	465	544,438	2,996,855
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	1.3	55	10.2	40.6	35.0	8.1	10.2	4.8	1.3	540	818,136	4,492,773
African American	0.6	24	6.1	54.3	33.8	5.2	4.8	1.6	0.3	394	372,632	2,081,473
Other/unknown	1.1	53	8.3	53.4	28.8	5.1	6.8	4.3	1.7	631	77,367	417,149
Use of Nursing Facilities^d												
Entire year	6.0	249	3.4	13.0	7.6	8.1	26.9	27.6	16.8	7,253	1,425	8,002
Part year	5.4	241	3.9	16.4	11.3	8.2	24.2	23.8	16.1	6,199	1,074	5,862
None	1.1	45	9.2	45.4	34.3	7.1	8.4	3.8	1.0	489	1,265,636	6,977,531
Maintenance Assistance Status												
Cash	1.4	63	8.8	43.7	32.4	6.7	9.2	5.8	2.1	719	348,716	2,006,125
Medically needy	0.9	32	8.2	48.9	34.3	6.9	6.8	2.5	0.6	388	129,089	682,305
Poverty related	0.3	10	3.8	56.5	37.8	3.7	1.8	0.2	0.0	264	224,174	1,177,876
Other/unknown	1.2	51	10.7	41.2	34.0	8.7	10.9	4.3	0.9	477	566,156	3,125,089

Table ND4

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.4 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.5 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Tennessee, 0.6 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- d. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos		
																Generic	Brand-Name
Anti-infective Agents	0.4	0.1	0.0	0.2	\$17	\$12	\$3	\$3	\$48	\$95	\$80	\$13	837,407	\$39,905,293	401,219	31.6 %	2,317,853
Biologics	0.2	0.2	0.0	0.0	127	125	2	0	591	590	2,322	60	431	254,558	345	0.0	1,997
Antineoplastic Agents	0.7	0.4	0.0	0.3	166	146	4	16	237	396	123	53	17,537	4,152,089	4,325	0.3	24,981
Endocrine/Metabolic Drugs	0.8	0.3	0.2	0.3	26	17	4	5	34	52	24	18	940,441	31,660,068	210,222	16.6	1,215,571
Cardiovascular Agents	1.4	0.7	0.1	0.7	51	39	2	9	36	58	39	14	1,275,817	45,500,745	153,009	12.1	893,248
Respiratory Agents	0.6	0.4	0.0	0.2	29	22	3	4	45	61	63	17	931,681	42,237,581	255,208	20.1	1,479,899
Gastrointestinal Agents	0.7	0.3	0.0	0.3	41	35	1	6	62	110	131	17	529,299	32,687,030	135,893	10.7	791,191
Genitourinary Agents	0.3	0.2	0.0	0.2	11	8	0	2	33	53	36	14	81,672	2,714,298	43,127	3.4	249,617
CNS Drugs	1.1	0.5	0.0	0.5	74	60	2	11	66	111	91	20	926,158	61,529,765	143,676	11.3	833,784
Stimulants/Anti-obesity/Anorexia	0.6	0.4	0.1	0.2	39	27	5	7	62	76	62	36	5,554	342,185	1,518	0.1	8,792
Miscellaneous Psychological/Neurological Agents	0.6	0.3	0.0	0.3	124	120	0	4	200	378	5	14	3,172	633,721	880	0.1	5,117
Analgesics and Anesthetics	0.7	0.1	0.0	0.5	17	10	1	6	26	98	68	11	1,174,203	30,430,008	305,624	24.1	1,763,114
Neuromuscular Agents	0.6	0.1	0.1	0.5	14	4	2	8	24	79	42	16	309,055	7,539,632	90,446	7.1	525,813
Nutritional Products	0.5	0.0	0.0	0.4	5	0	0	4	11	20	12	10	135,671	1,442,879	49,891	3.9	288,256
Hematological Agents	0.7	0.2	0.1	0.3	86	78	3	4	118	314	25	12	79,659	9,385,286	18,709	1.5	109,346
Topical Products	0.3	0.1	0.0	0.2	7	4	0	3	21	55	37	11	318,058	6,737,927	172,993	13.6	1,003,093
Miscellaneous Products	0.4	0.2	0.0	0.1	60	39	12	8	158	174	275	73	8,892	1,401,597	4,033	0.3	23,524
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	5	0	0	0	15	0	0	0	23,015	336,320	11,833	0.9	68,905
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7,597,722	318,890,982	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2002. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Tennessee, 0.6 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIDEPRESSANTS	\$15,354,759	48,962	285,810	0.8	\$64	\$54	
ULCER DRUGS	13,892,994	47,145	275,775	0.7	69	50	
ANTIPSYCHOTICS	13,362,854	13,895	81,719	1.0	168	164	
ANTHYPERLIPIDEMIC	9,362,062	15,594	91,970	1.2	83	102	
ANTIASTHMATIC	9,277,426	52,274	306,231	0.6	49	30	
ANTIDIABETIC	7,540,467	20,757	121,995	1.2	51	62	
ANALGESICS - Narcotic	6,550,841	120,166	696,755	0.5	20	9	
ANTIVIRAL	6,416,809	5,076	29,405	0.6	349	218	
ANTIHYPERTENSIVE	6,129,740	23,561	138,321	1.4	32	44	
ANALGESICS - ANTI-INFLAMMATORY	5,966,058	78,760	457,739	0.4	32	13	
Total	93,854,010	426,190	2,485,720	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a,b,c}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIDEPRESSANTS				ULCER DRUGS			
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	1,685,007	\$93,854,010	48,962	3.9 %	285,810	0.8	\$54	47,145	3.7 %	275,775	0.7	\$50
Female	1,096,942	57,981,372	35,209	4.9	205,604	0.8	55	32,765	4.5	191,877	0.7	49
Disabled	373,432	22,571,891	8,871	10.9	52,674	1.1	67	8,990	11.0	53,409	0.9	62
5 and younger	1,230	72,315	3	0.1	18	1.6	68	55	2.0	330	0.7	37
6-14	4,098	270,747	150	2.3	894	1.0	55	75	1.2	447	0.8	45
15-20	5,355	350,385	290	5.6	1,724	0.9	55	145	2.8	859	0.5	35
21-44	109,012	7,069,026	3,653	12.4	21,709	1.0	64	3,125	10.6	18,608	0.7	48
45-64	246,278	14,431,529	4,689	12.9	27,819	1.2	72	5,450	15.0	32,328	1.0	71
65-74	6,475	327,383	73	6.4	432	1.2	54	123	10.8	737	1.2	69
75-84	893	47,065	12	5.2	72	1.0	48	14	6.1	82	1.3	75
85 and older	91	3,441	1	2.3	6	1.3	43	3	7.0	18	0.7	14
Other Eligibles	723,510	35,409,481	26,338	4.1	152,930	0.8	50	23,775	3.7	138,468	0.6	44
5 and younger	11,855	385,438	32	0.0	192	0.5	15	492	0.4	2,896	0.3	10
6-14	26,152	1,045,521	761	0.5	4,481	0.7	37	998	0.7	5,869	0.3	15
15-20	40,948	1,321,475	2,199	2.6	12,724	0.5	34	1,950	2.3	11,268	0.3	14
21-44	348,829	16,348,063	16,875	7.3	97,579	0.7	47	12,798	5.5	74,174	0.5	37
45-64	290,363	16,035,467	6,392	8.9	37,508	1.1	68	7,414	10.3	43,550	1.0	69
65-74	2,886	142,862	38	3.8	215	1.0	39	71	7.2	405	0.8	52
75-84	1,635	90,844	24	3.7	134	1.2	59	33	5.1	197	1.1	74
85 and older	842	39,811	17	4.1	97	1.5	77	19	4.6	109	1.3	94
Male	588,065	35,872,638	13,753	2.5	80,206	0.8	51	14,380	2.6	83,898	0.8	54
Disabled	223,813	15,450,187	4,840	5.8	28,683	1.0	59	4,774	5.7	28,203	0.9	60
5 and younger	1,846	109,403	16	0.5	96	0.7	23	77	2.2	460	0.7	40
6-14	10,346	807,420	356	3.1	2,128	1.1	55	121	1.0	726	0.7	41
15-20	9,148	816,932	405	4.2	2,428	1.0	59	135	1.4	810	0.6	45
21-44	68,813	5,583,248	1,894	6.1	11,169	0.9	60	1,732	5.6	10,255	0.8	52
45-64	130,811	7,984,013	2,147	8.0	12,736	1.0	58	2,657	9.9	15,644	1.0	67
65-74	2,438	128,077	21	3.4	120	1.3	64	46	7.5	276	1.2	67
75-84	372	18,554	1	1.0	6	3.3	132	5	4.8	26	1.7	107
85 and older	39	2,540	0	0.0	0	0.0	0	1	5.3	6	0.5	81
Other Eligibles	364,252	20,422,451	8,913	1.9	51,523	0.8	47	9,606	2.1	55,695	0.7	51
5 and younger	17,188	625,433	49	0.0	292	0.5	13	661	0.6	3,883	0.3	12
6-14	36,140	1,678,035	1,063	0.7	6,221	0.8	42	863	0.6	5,076	0.3	16
15-20	23,809	1,031,125	1,063	1.5	6,178	0.7	42	858	1.3	4,970	0.4	20
21-44	123,021	7,611,260	4,253	5.1	24,291	0.7	46	3,876	4.6	22,197	0.7	51
45-64	160,838	9,303,220	2,445	5.4	14,317	0.9	53	3,286	7.2	19,206	1.0	75
65-74	1,737	96,086	15	2.2	87	1.5	72	32	4.7	185	1.2	70
75-84	1,116	52,786	18	4.3	100	0.9	41	19	4.6	112	1.4	80
85 and older	403	24,506	7	3.7	37	1.6	92	11	5.8	66	1.1	93
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7A

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	ANTIPSYCHOTICS				ANTIHYPERLIPIDEMIC				ANTIASTHMATIC						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	13,895	1.1 %	81,719	1.0	\$164	15,594	1.2 %	91,970	1.2	\$102	52,274	4.1 %	306,231	0.6	\$30
Female	8,263	1.1	48,693	0.9	145	9,478	1.3	55,997	1.2	100	31,474	4.3	184,438	0.6	31
Disabled	3,698	4.5	21,997	1.2	189	3,193	3.9	19,052	1.3	109	8,455	10.4	50,229	0.9	45
5 and younger	8	0.3	48	1.0	131	0	0.0	0	0.0	0	211	7.8	1,265	0.5	34
6-14	105	1.6	628	1.2	187	2	0.0	12	0.5	37	246	3.8	1,466	0.6	36
15-20	155	3.0	917	1.0	160	11	0.2	66	0.6	48	172	3.3	1,025	0.5	27
21-44	1,770	6.0	10,535	1.1	177	548	1.9	3,274	1.1	90	2,547	8.7	15,157	0.7	36
45-64	1,601	4.4	9,526	1.3	206	2,561	7.1	15,276	1.3	112	5,156	14.2	30,606	1.0	51
65-74	44	3.9	264	1.2	169	62	5.4	370	1.8	153	108	9.5	638	1.1	49
75-84	13	5.7	67	1.3	168	7	3.1	42	1.9	177	14	6.1	67	1.2	55
85 and older	2	4.7	12	0.9	62	2	4.7	12	0.5	44	1	2.3	5	2.0	51
Other Eligibles	4,565	0.7	26,696	0.7	109	6,285	1.0	36,945	1.1	95	23,019	3.6	134,209	0.5	25
5 and younger	19	0.0	114	0.6	54	16	0.0	93	0.2	6	3,063	2.7	17,935	0.3	16
6-14	229	0.2	1,355	0.9	120	5	0.0	27	0.3	18	3,562	2.6	20,872	0.4	22
15-20	381	0.5	2,237	0.7	93	34	0.0	198	0.5	41	2,029	2.4	11,825	0.4	16
21-44	3,007	1.3	17,544	0.7	103	1,808	0.8	10,538	0.8	69	9,191	4.0	53,210	0.5	24
45-64	896	1.2	5,258	0.9	134	4,356	6.1	25,693	1.3	107	5,109	7.1	29,991	0.8	39
65-74	12	1.2	68	1.1	134	45	4.5	270	1.4	120	35	3.5	198	1.2	64
75-84	14	2.2	79	1.1	138	15	2.3	90	1.7	129	17	2.6	100	0.9	57
85 and older	7	1.7	41	1.3	109	6	1.4	36	1.0	90	13	3.1	78	0.5	13
Male	5,632	1.0	33,026	1.1	191	6,116	1.1	35,973	1.3	105	20,800	3.8	121,793	0.6	30
Disabled	2,900	3.5	17,200	1.3	240	1,957	2.4	11,611	1.3	112	5,154	6.2	30,484	0.9	45
5 and younger	20	0.6	119	0.7	101	3	0.1	17	0.2	3	295	8.6	1,760	0.5	39
6-14	371	3.2	2,215	1.2	217	4	0.0	24	0.4	21	535	4.6	3,193	0.6	37
15-20	354	3.7	2,119	1.3	245	14	0.1	84	0.8	63	260	2.7	1,552	0.7	33
21-44	1,344	4.3	7,967	1.3	246	450	1.5	2,682	1.0	81	1,153	3.7	6,815	0.7	34
45-64	799	3.0	4,708	1.3	240	1,466	5.4	8,684	1.4	121	2,857	10.6	16,859	1.0	51
65-74	8	1.3	48	1.7	308	18	3.0	108	2.4	199	45	7.4	251	1.4	68
75-84	4	3.8	24	1.5	197	2	1.9	12	2.6	197	9	8.7	54	0.9	44
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	2,732	0.6	15,826	0.8	138	4,159	0.9	24,362	1.2	101	15,646	3.4	91,309	0.5	25
5 and younger	46	0.0	272	0.6	76	19	0.0	110	0.3	5	4,775	4.0	28,010	0.3	18
6-14	538	0.4	3,168	1.0	147	17	0.0	100	0.5	26	5,181	3.6	30,345	0.5	23
15-20	426	0.6	2,478	0.8	124	24	0.0	141	0.7	52	1,351	2.0	7,819	0.5	20
21-44	1,278	1.5	7,342	0.8	138	1,187	1.4	6,868	0.9	72	2,052	2.4	11,732	0.6	29
45-64	420	0.9	2,433	0.9	145	2,870	6.3	16,896	1.4	115	2,235	4.9	13,094	0.8	43
65-74	5	0.7	30	1.7	300	23	3.4	135	1.4	123	27	3.9	159	1.1	55
75-84	14	3.4	73	0.7	84	14	3.4	82	1.4	121	18	4.3	108	1.1	43
85 and older	5	2.6	30	1.3	163	5	2.6	30	0.8	69	7	3.7	42	0.5	24
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7B
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	ANTIDIABETIC				ANALGESICS - Narcotic				ANTIVIRAL						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	20,757	1.6 %	121,995	1.2	\$62	120,166	9.5 %	696,755	0.5	\$9	5,076	0.4 %	29,405	0.6	\$218
Female	13,370	1.8	78,697	1.2	60	82,469	11.4	479,136	0.5	8	3,357	0.5	19,403	0.5	130
Disabled	5,077	6.2	30,194	1.2	64	16,830	20.7	99,901	0.6	18	665	0.8	3,882	0.6	213
5 and younger	2	0.1	12	1.4	61	64	2.4	384	0.2	1	10	0.4	60	0.4	62
6-14	22	0.3	131	1.1	65	191	2.9	1,132	0.3	2	20	0.3	116	0.4	90
15-20	41	0.8	242	1.0	52	445	8.5	2,657	0.3	4	25	0.5	148	0.3	42
21-44	1,157	3.9	6,892	1.0	55	7,042	24.0	41,877	0.6	16	344	1.2	1,994	0.7	254
45-64	3,718	10.3	22,101	1.3	67	8,904	24.6	52,768	0.7	21	258	0.7	1,516	0.6	197
65-74	122	10.7	726	1.5	63	162	14.2	952	0.7	16	7	0.6	42	0.3	45
75-84	14	6.1	84	1.5	56	18	7.9	108	0.7	13	0	0.0	0	0.0	0
85 and older	1	2.3	6	0.8	11	4	9.3	23	0.6	13	1	2.3	6	0.2	13
Other Eligibles	8,293	1.3	48,503	1.1	57	65,639	10.2	379,235	0.4	6	2,692	0.4	15,521	0.5	109
5 and younger	25	0.0	150	1.0	49	1,452	1.3	8,506	0.2	1	60	0.1	345	0.5	43
6-14	204	0.1	1,203	1.0	52	3,340	2.4	19,554	0.2	1	100	0.1	576	0.3	47
15-20	295	0.4	1,722	0.9	48	8,416	10.1	48,502	0.3	2	309	0.4	1,782	0.3	27
21-44	3,290	1.4	19,089	0.9	47	41,623	18.0	239,439	0.4	6	1,728	0.7	9,929	0.5	119
45-64	4,384	6.1	25,798	1.3	66	10,646	14.8	62,288	0.5	11	487	0.7	2,842	0.5	150
65-74	52	5.2	288	1.6	61	90	9.1	527	0.4	5	3	0.3	18	0.6	40
75-84	31	4.8	182	1.3	57	44	6.8	262	0.6	16	2	0.3	12	0.2	5
85 and older	12	2.9	71	1.0	32	28	6.7	157	0.6	10	3	0.7	17	0.3	20
Male	7,387	1.4	43,298	1.3	65	37,697	6.9	217,619	0.5	12	1,719	0.3	10,002	0.9	389
Disabled	2,595	3.1	15,330	1.2	64	10,522	12.6	61,851	0.6	21	627	0.8	3,685	1.0	409
5 and younger	6	0.2	36	0.5	24	95	2.8	570	0.2	1	6	0.2	36	0.3	41
6-14	16	0.1	96	1.1	64	305	2.6	1,828	0.2	2	17	0.1	102	1.0	244
15-20	49	0.5	284	1.1	54	476	5.0	2,833	0.3	3	14	0.1	83	0.4	124
21-44	608	2.0	3,603	1.1	56	4,586	14.8	27,034	0.6	19	386	1.2	2,276	0.9	396
45-64	1,867	6.9	11,018	1.3	66	4,980	18.5	29,128	0.8	27	200	0.7	1,165	1.1	488
65-74	43	7.0	258	1.3	67	66	10.8	382	0.8	27	4	0.7	23	0.2	50
75-84	5	4.8	30	1.1	40	12	11.5	65	0.7	7	0	0.0	0	0.0	0
85 and older	1	5.3	5	0.8	21	2	10.5	11	1.5	87	0	0.0	0	0.0	0
Other Eligibles	4,792	1.0	27,968	1.3	66	27,175	5.9	155,768	0.4	8	1,092	0.2	6,317	0.9	378
5 and younger	31	0.0	184	1.0	45	1,854	1.6	10,863	0.2	1	46	0.0	271	0.2	15
6-14	156	0.1	901	1.1	60	3,610	2.5	21,120	0.2	1	87	0.1	507	0.3	46
15-20	179	0.3	1,036	1.0	63	4,090	6.0	23,336	0.3	2	88	0.1	497	0.3	36
21-44	1,476	1.8	8,529	1.1	59	11,928	14.2	67,374	0.5	10	566	0.7	3,261	1.0	463
45-64	2,883	6.3	16,928	1.4	71	5,618	12.3	32,638	0.6	15	301	0.7	1,757	1.0	467
65-74	39	5.7	230	1.2	49	41	6.0	235	0.6	10	2	0.3	12	0.8	703
75-84	22	5.3	124	1.5	53	20	4.8	119	0.6	7	1	0.2	6	0.3	4
85 and older	6	3.1	36	0.9	36	14	7.3	83	0.6	19	1	0.5	6	0.3	9
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7C
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	ANTIHYPERTENSIVE				ANALGESICS - ANTI-INFLAMMATORY									
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$					
All	23,561	1.9 %	138,321	1.4	\$44	78,760	6.2 %	457,739	0.4	\$13	No. of Benes	1,268,135	No. of Bene Mos	6,991,395
Female	13,774	1.9	80,907	1.4	45	55,543	7.7	323,203	0.4	13	723,697	3,994,540		
Disabled	4,531	5.6	26,915	1.4	48	9,586	11.8	57,072	0.6	24	81,468	474,476		
5 and younger	20	0.7	120	0.8	13	33	1.2	198	0.3	19	2,721	15,804		
6-14	66	1.0	393	1.3	18	107	1.7	636	0.3	5	6,476	38,180		
15-20	26	0.5	155	1.5	30	307	5.9	1,830	0.3	8	5,224	30,773		
21-44	871	3.0	5,173	1.1	38	4,004	13.6	23,844	0.4	14	29,366	170,830		
45-64	3,417	9.4	20,297	1.5	51	4,998	13.8	29,747	0.7	33	36,268	210,523		
65-74	114	10.0	677	1.7	59	115	10.1	687	0.7	26	1,141	6,761		
75-84	15	6.6	88	2.1	67	18	7.9	106	0.7	29	229	1,349		
85 and older	2	4.7	12	1.1	35	4	9.3	24	0.5	23	43	256		
Other Eligibles	9,243	1.4	53,992	1.3	43	45,957	7.2	266,131	0.4	11	642,229	3,520,064		
5 and younger	46	0.0	272	0.7	8	1,786	1.6	10,487	0.2	2	113,595	613,941		
6-14	174	0.1	1,027	1.2	13	2,741	2.0	16,140	0.2	3	139,626	779,719		
15-20	140	0.2	814	0.6	15	6,342	7.6	36,606	0.3	3	83,483	454,006		
21-44	3,314	1.4	19,186	1.0	32	26,260	11.3	151,152	0.3	8	231,599	1,251,406		
45-64	5,440	7.6	31,943	1.5	51	8,716	12.1	51,084	0.6	28	71,871	409,672		
65-74	71	7.2	408	1.7	61	78	7.9	458	0.6	28	991	5,461		
75-84	34	5.2	199	1.8	65	28	4.3	168	1.0	74	648	3,587		
85 and older	24	5.8	143	1.5	47	6	1.4	36	1.2	69	416	2,272		
Male	9,787	1.8	57,414	1.4	44	23,217	4.3	134,536	0.4	13	544,437	2,996,849		
Disabled	3,337	4.0	19,738	1.4	45	5,454	6.6	32,332	0.5	19	83,247	481,918		
5 and younger	29	0.8	165	1.3	24	64	1.9	383	0.3	2	3,434	19,850		
6-14	182	1.6	1,082	1.7	21	166	1.4	994	0.3	5	11,588	68,297		
15-20	94	1.0	557	1.4	27	336	3.5	2,013	0.3	7	9,532	56,290		
21-44	778	2.5	4,597	1.2	41	2,305	7.4	13,635	0.4	12	31,011	179,256		
45-64	2,215	8.2	13,104	1.4	49	2,540	9.4	15,053	0.7	29	26,949	153,917		
65-74	33	5.4	197	2.3	75	35	5.7	209	0.8	25	610	3,584		
75-84	6	5.8	36	2.2	79	8	7.7	45	0.7	24	104	614		
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	19	110		
Other Eligibles	6,450	1.4	37,676	1.4	43	17,763	3.9	102,204	0.4	11	461,190	2,514,931		
5 and younger	75	0.1	449	0.9	9	2,053	1.7	12,068	0.2	2	118,729	640,133		
6-14	469	0.3	2,750	1.2	12	2,257	1.6	13,233	0.2	2	143,070	798,330		
15-20	182	0.3	1,073	0.8	19	2,844	4.1	16,268	0.2	3	68,613	372,640		
21-44	1,860	2.2	10,724	1.2	38	6,576	7.8	37,087	0.4	11	83,927	440,481		
45-64	3,788	8.3	22,234	1.5	51	3,970	8.7	23,173	0.6	26	45,562	256,361		
65-74	46	6.7	270	1.4	47	38	5.6	225	0.7	36	684	3,683		
75-84	23	5.6	134	1.9	58	19	4.6	114	0.7	35	414	2,301		
85 and older	7	3.7	42	1.8	59	6	3.1	36	0.8	44	191	1,002		
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	6	6	

Table ND7D

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$249	6.0	1,425	8,002
Age				
0-64	276	6.5	1,001	5,646
65-74	207	5.5	136	780
75-84	177	4.6	143	784
85 and older	168	4.5	145	792
Unknown	0	0.0	0	0
Gender				
Female	257	6.2	815	4,615
Male	238	5.6	610	3,387
Unknown	0	0.0	0	0
Race				
White	243	6.2	914	5,098
African American	245	5.2	378	2,146
Other/unknown	296	6.8	133	758
Basis of Eligibility^c				
Aged	170	4.5	299	1,629
Disabled	269	6.4	1,126	6,373
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2002 Medicaid enrollment. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

TABLE ND.9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos						
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name											
Anti-infective Agents	0.6	0.3	0.0	0.3	\$49	\$39	\$4	\$5	\$79	\$133	\$89	\$19	2,395	\$190,240	677	47.5 %	3,889
Biologicals	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Antineoplastic Agents	0.8	0.2	0.1	0.5	144	76	16	52	184	367	177	107	341	62,661	78	5.5	434
Endocrine/Metabolic Drugs	1.3	0.4	0.2	0.7	38	22	5	10	28	51	32	14	3,628	103,194	473	33.2	2,738
Cardiovascular Agents	2.1	0.5	0.2	1.4	47	24	5	18	23	50	27	13	8,434	191,081	707	49.6	4,080
Respiratory Agents	1.0	0.2	0.1	0.7	27	12	2	13	27	59	42	17	2,863	76,673	494	34.7	2,846
Gastrointestinal Agents	1.3	0.4	0.0	0.9	58	40	1	17	43	99	48	18	4,735	204,458	612	42.9	3,534
Genitourinary Agents	0.7	0.3	0.0	0.4	28	20	1	7	38	70	37	17	822	31,591	195	13.7	1,116
CNS Drugs	2.3	1.0	0.1	1.1	147	119	8	20	64	116	68	17	9,069	581,768	688	48.3	3,968
Stimulants/Anti-obesity/Anorexia	1.1	0.0	0.0	1.1	17	0	0	17	16	0	0	16	20	321	4	0.3	19
Miscellaneous Psychological/Neurological Agents	0.9	0.9	0.0	0.0	98	98	0	0	105	105	0	0	159	16,674	30	2.1	170
Analgesics and Anesthetics	1.4	0.2	0.1	1.0	37	24	3	10	27	96	37	10	4,310	117,529	550	38.6	3,167
Neuromuscular Agents	1.6	0.4	0.2	0.9	74	42	10	22	46	95	40	24	5,552	255,384	595	41.8	3,473
Nutritional Products	0.9	0.0	0.1	0.8	17	1	1	15	18	51	22	17	1,688	30,306	321	22.5	1,830
Hematological Agents	1.2	0.3	0.4	0.5	44	33	6	5	37	119	16	10	2,101	77,787	309	21.7	1,774
Topical Products	0.5	0.1	0.0	0.4	16	10	1	5	30	74	30	14	1,465	43,859	473	33.2	2,758
Miscellaneous Products	0.4	0.1	0.0	0.3	11	2	0	9	26	24	0	27	94	2,472	38	2.7	217
Unknown Therapeutic Category	0.6	0.0	0.0	0.0	8	0	0	0	14	0	0	0	200	2,830	57	4.0	334
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	47,876	1,988,828	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2002. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

In Tennessee, 0.6 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,
 BY TOP-10 DRUG GROUP^{a, b, c, d}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPTYCHOTICS	\$134,304	155	10.9 %	894	1.1	\$131	\$150
ANTICONVULSANT	88,230	142	10.0	812	2.0	54	109
ANTIDEPRESSANTS	72,182	155	10.9	892	1.5	54	81
ULCER DRUGS	62,028	141	9.9	818	1.5	52	76
ANALGESICS - Narcotic	30,463	189	13.3	1,073	1.2	23	28
ANTIDIABETIC	25,193	106	7.4	616	1.3	31	41
ANTIHYPERTENSIVE	23,045	100	7.0	589	1.5	25	39
ANTINEOPLASTICS	25,384	24	1.7	131	1.1	174	194
ANTIVIRAL	16,393	5	0.4	29	1.3	420	565
ANTIASTHMATIC	18,119	126	8.8	712	0.8	30	25
Total	495,341	1,143		6,566	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10A

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d} NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTICONVULSANT									
	No. of Rx	Rx \$	Users as %			Mean No. of Rx	Mean Rx \$	No. of Users	Residents	NF	Mos among Users	No. of Bene Users	No. of Bene Mos among Users	Users as %	Residents	NF	Mos among Users	No. of Bene Users	Mean No. of Rx	Mean Rx \$
			155	10.9 %	894															
All	9,020	\$495,341	155	10.9 %	894	1.1	\$150	142	10.0 %	812	2.0	\$109								
Female	5,208	290,935	101	12.4	585	1.1	133	77	9.4	431	2.0	104								
Disabled	4,393	250,092	86	14.1	501	1.0	133	69	11.3	386	2.1	110								
64 or younger	3,954	226,805	71	13.3	419	1.1	140	63	11.8	350	2.1	115								
65-74	315	15,874	9	18.0	54	0.6	79	5	10.0	30	1.2	47								
75-84	94	6,048	5	26.3	22	1.3	133	1	5.3	6	3.0	158								
85 and older	30	1,365	1	14.3	6	1.2	116	0	0.0	0	0.0	0								
Other Eligibles	815	40,843	15	7.3	84	1.3	131	8	3.9	45	1.6	52								
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0								
65-74	110	4,370	4	14.8	21	0.6	49	5	18.5	27	1.0	31								
75-84	275	16,709	6	8.2	34	1.3	171	2	2.7	12	2.7	81								
85 and older	430	19,764	5	4.8	29	1.7	143	1	1.0	6	2.2	94								
Male	3,812	204,406	54	8.9	309	1.3	184	65	10.7	381	2.0	114								
Disabled	3,325	181,334	42	8.1	237	1.4	207	59	11.4	345	2.1	121								
64 or younger	3,062	163,798	36	7.7	201	1.4	211	55	11.8	321	2.1	120								
65-74	189	13,027	4	11.4	24	0.6	169	4	11.4	24	1.5	110								
75-84	57	3,681	2	15.4	12	1.5	203	0	0.0	0	0.0	0								
85 and older	17	828	0	0.0	0	0.0	0	0	0.0	0	0.0	0								
Other Eligibles	487	23,072	12	12.9	72	1.1	109	6	6.5	36	0.9	43								
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0								
65-74	165	7,208	1	4.2	6	5.0	505	1	4.2	6	2.8	97								
75-84	196	8,435	6	15.8	36	0.6	75	3	7.9	18	0.7	41								
85 and older	126	7,429	5	16.1	30	0.8	70	2	6.5	12	0.3	19								
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0								

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a,b,c,d}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	ANTIDEPRESSANTS					ULCER DRUGS					ANALGESICS - Narcotic				
	Users as %			Mean		Users as %			Mean		Users as %			Mean	
	No. of Users	No. of Bene Users	No. of Bene Mos among Users	Mean Rx	No. of Rx	Residents	No. of Users	NF Residents	No. of Bene Mos among Users	Mean Rx	No. of Rx	Residents	No. of Users	NF Residents	No. of Bene Mos among Users
All	155	10.9 %	392	1.5	\$81	141	9.9 %	818	1.5	\$76	189	13.3 %	1,073	1.2	\$28
Female	105	12.9	603	1.4	75	87	10.7	514	1.2	67	121	14.8	693	1.3	28
Disabled	86	14.1	507	1.3	70	66	10.8	393	1.3	70	102	16.7	589	1.3	29
64 or younger	76	14.3	447	1.3	72	58	10.9	345	1.3	68	95	17.8	547	1.3	30
65-74	7	14.0	42	1.3	58	7	14.0	42	1.1	91	5	10.0	30	0.9	19
75-84	2	10.5	12	0.8	38	1	5.3	6	1.7	58	1	5.3	6	0.7	5
85 and older	1	14.3	6	1.3	43	0	0.0	0	0.0	0	1	14.3	6	1.2	43
Other Eligibles	19	9.2	96	1.9	105	21	10.2	121	1.0	57	19	9.2	104	1.0	22
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	4	14.8	18	0.7	37	8	29.6	48	0.4	18	2	7.4	12	0.4	3
75-84	7	9.6	35	1.6	89	5	6.8	30	1.1	74	7	9.6	40	0.9	34
85 and older	8	7.6	43	2.6	147	8	7.6	43	1.6	90	10	9.5	52	1.1	17
Male	50	8.2	289	1.8	92	54	8.9	304	1.8	91	68	11.1	380	1.2	29
Disabled	42	8.1	246	1.7	90	47	9.1	262	1.7	86	63	12.2	350	1.2	29
64 or younger	37	7.9	220	1.7	88	47	10.1	262	1.6	77	57	12.2	315	1.2	31
65-74	4	11.4	20	1.9	109	0	0.0	0	0.0	0	3	8.6	18	1.4	12
75-84	1	7.7	6	0.8	34	0	0.0	0	0.0	0	2	15.4	12	0.3	2
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	50.0	5	0.2	2
Other Eligibles	8	8.6	43	1.9	106	7	7.5	42	2.6	123	5	5.4	30	1.5	31
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	2	8.3	12	2.0	129	2	8.3	12	3.9	105	0	0.0	0	0.0	0
75-84	2	5.3	12	2.0	83	1	2.6	6	7.2	403	1	2.6	6	1.5	11
85 and older	4	12.9	19	1.8	105	4	12.9	24	0.8	62	4	12.9	24	0.6	20
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	ANTIDIABETIC					ANTIHYPERTENSIVE					ANTINEOPLASTICS				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	106	7.4 %	616	1.3	\$41	100	7.0 %	589	1.5	\$39	24	1.7 %	131	1.1	\$194
Female	65	8.0	383	1.3	40	50	6.1	294	1.6	44	11	1.3	62	1.6	313
Disabled	56	9.2	332	1.3	40	39	6.4	229	1.6	43	9	1.5	50	1.5	348
64 or younger	48	9.0	284	1.3	42	34	6.4	199	1.6	42	5	0.9	30	2.2	531
65-74	8	16.0	48	1.2	28	5	10.0	30	1.3	26	3	6.0	18	0.4	54
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	5.3	2	2.0	253
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	9	4.4	51	1.3	40	11	5.3	65	1.8	48	2	1.0	12	1.7	165
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	2	7.4	12	1.0	32	2	7.4	12	1.3	31	0	0.0	0	0.0	0
75-84	4	5.5	22	1.1	34	1	1.4	6	5.2	195	0	0.0	0	0.0	0
85 and older	3	2.9	17	1.7	52	8	7.6	47	1.4	33	2	1.9	12	1.1	91
Male	41	6.7	233	1.3	43	50	8.2	295	1.4	34	13	2.1	69	0.7	87
Disabled	33	6.4	188	1.5	50	40	7.7	235	1.5	36	11	2.1	60	0.8	94
64 or younger	29	6.2	165	1.6	52	37	7.9	217	1.4	34	11	2.4	60	0.8	89
65-74	3	8.6	18	0.7	45	1	2.9	6	5.0	120	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	2	15.4	12	0.6	25	0	0.0	0	0.0	0
85 and older	1	50.0	5	0.8	21	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	8	8.6	45	0.7	11	10	10.8	60	1.2	30	2	2.2	9	0.2	42
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	3	12.5	18	0.4	5	2	8.3	12	0.5	10	0	0.0	0	0.0	0
75-84	3	7.9	15	1.3	20	3	7.9	18	2.7	61	0	0.0	0	0.0	0
85 and older	2	6.5	12	0.5	8	5	16.1	30	0.7	20	2	6.5	9	0.2	42
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	ANTIVIRAL				ANTIASTHMATIC				Mean Rx \$	Mean No. of Rx	All-Year NF Residents	Bene Mos among All-Year NF Residents
	Users as %		No. of Bene Mos among Users		Users as %		No. of Bene Mos among Users					
	No. of Users	Residents	No. of Users	Residents	No. of Users	Residents	No. of Users	Residents				
All	5	0.4 %	29	1.3	\$565	126	8.8 %	712	0.8	\$25	1,425	8,002
Female	4	0.5	23	1.3	564	54	6.6	306	0.9	28	815	4,615
Disabled	3	0.5	18	1.6	718	45	7.4	254	0.9	30	609	3,485
64 or younger	2	0.4	12	2.3	1,075	43	8.1	246	0.9	29	533	3,040
65-74	1	2.0	6	0.2	5	0	0.0	0	0.0	0	50	300
75-84	0	0.0	0	0.0	0	2	10.5	8	0.8	25	19	103
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	7	42
Other Eligibles	1	0.5	5	0.2	8	9	4.4	52	0.7	20	206	1,130
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	6
65-74	0	0.0	0	0.0	0	1	3.7	6	1.3	36	27	145
75-84	0	0.0	0	0.0	0	3	4.1	16	0.6	26	73	401
85 and older	1	1.0	5	0.2	8	5	4.8	30	0.6	13	105	578
Male	1	0.2	6	1.7	570	72	11.8	406	0.8	23	610	3,387
Disabled	0	0.0	0	0.0	0	69	13.3	388	0.8	24	517	2,888
64 or younger	0	0.0	0	0.0	0	68	14.6	386	0.8	23	467	2,600
65-74	0	0.0	0	0.0	0	1	2.9	2	2.0	54	35	202
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	13	75
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	11
Other Eligibles	1	1.1	6	0.3	9	3	3.2	18	1.6	19	93	499
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	0	0.0	0	0.0	0	1	4.2	6	1.8	34	24	133
75-84	0	0.0	0	0.0	0	2	5.3	12	1.4	11	38	205
85 and older	1	3.2	6	0.3	9	0	0.0	0	0.0	0	31	161
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,074 beneficiaries who were in nursing facilities for part of their enrollment and their 5,862 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.11
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC^{a,b}
 TENNESSEE, 2002

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D Excl Rx per Bene	Total No. Part D Excl Rx	Part D Excl Rx \$ per Bene Excl Rx \$	Total Part D Excl Rx \$	\$ per Part D Excl Rx \$	Part D Excl Rx \$ as % of All Nondual Rx \$	Total No. of Benes
All	245,428	19.4 %	0.6	823,119	\$7	\$8,500,244	\$10	2.7 %	1,268,135
Age									
5 and younger	35,989	15.1	0.3	63,337	1	347,364	5	3.3	238,479
6-14	31,178	10.4	0.2	54,621	2	499,207	9	2.3	300,760
15-20	21,455	12.9	0.3	42,654	3	522,508	12	3.0	166,852
21-44	89,694	23.9	0.8	308,580	9	3,511,432	11	2.9	375,903
45-64	65,155	36.1	1.9	341,375	19	3,515,970	10	2.4	180,650
65-74	1,323	38.6	2.4	8,344	21	70,690	8	3.1	3,426
75-84	455	32.6	2.2	3,020	16	22,863	8	3.0	1,395
85 and older	179	26.8	1.8	1,188	15	10,210	9	3.6	669
Unknown	0	0.0	0.0	0	0	0	0	0.0	1
Basis of Eligibility^c									
Aged	993	28.4	1.6	5,755	14	47,788	8	2.7	3,493
Disabled	55,987	34.0	1.9	307,754	19	3,194,556	10	2.6	164,715
Adults	106,095	24.5	0.8	367,037	10	4,117,022	11	2.6	433,177
Children	82,353	12.4	0.2	142,573	2	1,140,878	8	3.0	666,750
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	166,713	23.0	0.8	578,944	8	6,092,396	11	3.0	723,697
Male	78,715	14.5	0.4	244,175	4	2,407,848	10	2.1	544,438
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	170,756	20.9	0.7	601,478	8	6,682,848	11	2.7	818,136
African American	59,678	16.0	0.4	161,784	3	1,225,493	8	2.4	372,632
Other/unknown	14,994	19.4	0.8	59,857	8	591,903	10	2.7	77,367
Use of Nursing Facilities^d									
Entire year	785	55.1	4.6	6,498	55	78,374	12	3.9	1,425
Part year	646	60.1	4.0	4,330	46	48,926	11	3.5	1,074
None	243,997	19.3	0.6	812,291	7	8,372,944	10	2.7	1,265,636
Maintenance Assistance Status									
Cash	87,755	25.2	1.1	366,241	10	3,592,870	10	2.8	348,716
Medically needy	23,471	18.2	0.5	67,109	5	702,155	10	3.2	129,089
Poverty related	28,808	12.9	0.2	50,097	2	376,376	8	3.2	224,174
Other/unknown	105,394	18.6	0.6	339,672	7	3,828,843	11	2.4	566,156

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002.
- b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12

USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 TENNESSEE, 2002

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.1	\$1	\$10	\$0	\$0	6,991,395
Age						
5 and younger	0.0	0	5	0	0	1,289,728
6-14	0.0	0	9	0	0	1,684,526
15-20	0.0	1	12	0	0	913,709
21-44	0.2	2	11	0	1	2,041,973
45-64	0.3	3	10	0	1	1,030,473
65-74	0.4	4	8	0	1	19,489
75-84	0.4	3	8	0	1	7,851
85 and older	0.3	3	9	0	1	3,640
Unknown	0.0	0	0	0	0	6
Basis of Eligibility^c						
Aged	0.3	3	8	0	1	19,106
Disabled	0.3	3	10	0	1	956,394
Adults	0.2	2	11	0	1	2,357,734
Children	0.0	0	8	0	0	3,658,161
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	11	0	0	3,994,540
Male	0.1	1	10	0	0	2,996,855
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	1	11	0	1	4,492,773
African American	0.1	1	8	0	0	2,081,473
Other/unknown	0.1	1	10	0	0	417,149
Use of Nursing Facilities^d						
Entire year	0.8	10	12	0	4	8,002
Part year	0.7	8	11	0	3	5,862
None	0.1	1	10	0	0	6,977,531
Maintenance Assistance Status						
Cash	0.2	2	10	0	1	2,006,125
Medically needy	0.1	1	10	0	0	682,305
Poverty related	0.0	0	8	0	0	1,177,876
Other/unknown	0.1	1	11	0	0	3,125,089

Table ND12

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002.
 - b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
 - c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
 - d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.13
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
 TENNESSEE, 2002

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
All	299,110	\$28	\$8,500,244	100.0 %	823,119	\$10	100.0 %
Anorexia or weight loss/gain	6	296	1,777	0.0	19	94	0.0
Fertility drugs	5	40	198	0.0	5	40	0.0
Drugs for cosmetic purposes	95	10	905	0.0	117	8	0.0
Cough and cold medications	41,385	64	2,631,718	31.0	70,402	37	8.6
Vitamins and minerals	21,812	47	1,024,661	12.1	76,068	13	9.2
Non-prescription drugs	165,238	10	1,639,689	19.3	400,402	4	48.6
Barbiturates	1,774	25	43,616	0.5	8,697	5	1.1
Benzodiazepines	50,942	51	2,608,997	30.7	226,038	12	27.5
Other Part D Excl Rx Drugs	17,853	31	548,683	6.5	41,371	13	5.0

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2002. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, TENNESSEE, 2002

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	1,376,192	4,060	168,741	481,493	721,898	0	39,263	1,904,120	4,876,279	7,324,974	0
Age											
5 and younger	253,892	1	6,239	1	247,651	0	10	69,530	2	2,415,854	0
6-14	325,564	2	18,239	12	307,311	0	17	211,889	56	3,214,360	0
15-20	180,617	2	14,874	870	164,871	0	24	173,339	2,966	1,685,274	0
21-44	418,694	10	61,862	354,757	2,065	0	102	699,798	3,516,614	9,486	0
45-64	191,265	181	65,289	125,795	0	0	1,528	723,844	1,356,385	0	0
65-74	3,688	1,818	1,824	46	0	0	18,349	20,964	231	0	0
75-84	1,589	1,234	346	9	0	0	12,152	3,996	14	0	0
85 and older	882	811	68	3	0	0	7,071	760	11	0	0
Unknown	1	1	0	0	0	0	10	0	0	0	0
Gender											
Female	784,117	2,491	83,086	335,230	363,310	0	24,265	943,891	3,409,539	3,689,494	0
Male	592,075	1,569	85,655	146,263	358,588	0	14,998	960,229	1,466,740	3,635,480	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	887,492	2,234	98,173	348,985	438,100	0	20,681	1,100,587	3,568,702	4,404,690	0
African American	404,206	684	45,089	117,646	240,787	0	6,535	513,980	1,187,533	2,514,982	0
Other/unknown	84,494	1,142	25,479	14,862	43,011	0	12,047	289,553	120,044	405,302	0
Use of Nursing Facilities^c											
Entire year	1,583	339	1,244	0	0	0	3,301	12,919	0	0	0
Part year	1,169	121	1,018	30	0	0	1,106	10,242	306	0	0
None	1,373,440	3,600	166,479	481,463	721,898	0	34,856	1,880,959	4,875,973	7,324,974	0
Maintenance Assistance Status											
Cash	353,390	1,056	145,405	53,909	153,020	0	12,215	1,680,505	566,458	1,658,111	0
Medically needy	137,861	1,170	4,389	59,719	72,583	0	10,358	28,844	542,054	714,956	0
Poverty related	238,358	7	8	21,379	216,964	0	69	69	157,172	2,094,918	0
Other/unknown	646,583	1,827	18,939	346,486	279,331	0	16,621	194,702	3,610,595	2,856,989	0
Managed Care Status											
FFS all year	93,243	311	6,403	26,476	60,053	0	1,056	20,887	90,559	217,278	0
FFS part year, with Rx claims	699,199	1,993	108,528	291,846	296,832	0	23,140	1,284,026	3,345,498	3,430,299	0
FFS part year, no Rx claims	475,693	1,189	49,784	114,855	309,865	0	13,354	584,058	1,244,049	3,450,729	0
MC all year, with Rx claims	17,929	70	1,157	10,102	6,600	0	309	5,594	51,619	34,163	0
MC all year, no Rx claims	90,128	497	2,869	38,214	48,548	0	1,404	9,555	144,554	192,505	0

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table A.1 includes the beneficiaries represented by Cell J of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene Mo(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

APPENDIX TABLE A.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 NONDUAL BENEFICIARIES, TENNESSEE, 2002

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	1,376,192	14,144,636	1,268,135	6,991,395	0	7,153,241
FFS all year	93,243	329,780	93,243	329,780	0	0
FFS part year, with Rx claims	699,199	8,082,963	699,199	4,032,876	0	4,050,087
FFS part year, with no Rx claims	475,693	5,292,190	475,693	2,628,739	0	2,663,451
MC all year, with Rx claims	17,929	91,685	0	0	0	91,685
MC all year, with no Rx claims	90,128	348,018	0	0	0	348,018

Source: Data for this table are from the MAX 2002 file for Tennessee, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.